| Index of Claims |              |              |             |          |           |            |          |   |          | 1       | Application/Control No. |          |          |               |              |             |         |          |              |           | F           | Reexamination |         |          |          |            |  |           |          |                |          |               |  |          |          |     |
|-----------------|--------------|--------------|-------------|----------|-----------|------------|----------|---|----------|---------|-------------------------|----------|----------|---------------|--------------|-------------|---------|----------|--------------|-----------|-------------|---------------|---------|----------|----------|------------|--|-----------|----------|----------------|----------|---------------|--|----------|----------|-----|
|                 |              |              | H           |          | M         |            |          |   |          |         |                         |          |          |               |              |             |         | 10       | /08          | 7,        | 25          | 6             |         |          |          |            |  | H         | (HE      | ΕN             | IAI      | VI,           | KI   | SH       | IAN      | V   |
|                 |              |              |             |          |           |            |          |   |          |         |                         |          |          |               |              |             |         |          | am           |           |             |               |         |          | _        |            | _  |           | \rt      |                |          |               |  |          |          |     |
|                 |              |              |             |          | Ш         |            |          |   |          |         |                         |          |          |               |              |             |         | A -      |              |           | <b>6/</b> - |               | h       | لسور     |          |            |  | 1         | 74       | _              |          |               |  |          |          |     |
|                 |              |              | _           |          |           |            |          |   |          |         |                         |          |          |               |              |             | با      | AN       | a L          | \         | NO          | 000           | Wa      | ard      |          |            |  | $\perp$ 1 | 71       | 1_             |          |               | _  | _        |          |     |
|                 |              |              | •           |          |           |            | 7        |   | r        |         |                         |          |          |               |              |             |         |          | 7            | _         | _           |               |         |          |          | 7          |  | τ-        |          |                |          |               |  | 7        |          |     |
|                 |              | V            | F           | Rejo     | ecl       | ted        |          |   | -        | _       | (                       | (Th      | rou      | gh i          | nuı          | me          | ra      | )        |              | 1.        | ا           | No            | วก-     | Ele      | cted     |            |  |           |          | ۱ط             | pes      | al            |  |          |          |     |
|                 |              | Ĺ            | Ľ           |          |           |            | 4        |   | L        | 4       |                         |          | Ce       | ince          | He           | d           |         |          | 1            | Ľ         | ٧           |               |         |          |          | 4          | Δ  | L         |          |                |          |               |  |          |          |     |
|                 |              | _            | ,           | Alk      | 74.6      | od<br>hod  |          |   | 1        | +       |                         |          | p.       | stri          | ٠4٠          | , i         |         |          |              | 1,        | ıl          | l m           | tor     | for      | ence     |            | 0  |           | 0        | hi-            | ecto     | ام            |  |          |          |     |
|                 |              | -            | ľ           | ~111     | <b></b>   | <b>6</b> 4 |          |   |          | 1       |                         |          | 116      | <b>1011</b> 1 | -            | -           |         | _        |              | Ľ         | 1           | ***           | 101     | 101      | 91100    |            | 1  |           | U        | nje            | ,        | <del>ou</del> |  |          |          |     |
|                 |              |              |             |          |           | _          | _        |   | _        |         | _                       | _        |          |               | _            | _           | _       |          | _            | _         |             |               |         |          |          | -          | ,  |           | _        | _              | _        |               | _  |          |          | ,   |
| Cie             |              | ,,,          | Г           | V        | _         | Da         | ste<br>T | Ŧ | -        | _       | -                       | H        | Cla      | eim.          | ╀            | 1           | 7       | _        | Da           | tte<br>T  | -           | 7             | 7       | $\dashv$ | 1-9      | laim       | +  | _         | _        | <del>,  </del> | Dat<br>I | e             | ı  |          |          | 4   |
| -               | Original     |              | 1           | 1        |           |            |          |   |          |         | 1                       |          | ᡖ        | Original      |              |             |         |          |              |           | 1           |               |         |          | 700      | 2          |  |           |          |                |          |               |  |          |          |     |
| Final           | Ē            | 65           |             |          |           |            | 1        |   |          |         | 1                       |          | Final    | <b>Ē</b>      |              | 1           |         |          |              |           |             |               | -       |          | F        | Original   |  |           |          |                |          |               | 1  |          |          | 1   |
|                 | 0            | Ľ            |             | Ł        | L         | 1          |          |   |          | $\perp$ |                         |          |          |               | L            | L           |         | 1        |              |           |             |               |         | ]        | L        | 1          | L  | L         |          | L              |          | L             | L  |          |          | ]   |
|                 | <b>西</b>     | V            | C           | Γ        | T         | T          | Ţ        | I | I        | $\perp$ | 1                       |          |          | 51            | L            | T           | I       | I        | Ţ            | Ţ         | I           | Ţ             | I       | $\Box$   |          | 101        |  |           |          |                |          |               |  |          |          | ]   |
| $\dashv$        | 126          | Н            | $\vdash$    | +        | ╀         | +          | +        | + | +        | +       | 4                       | -        |          | 52            | ╀            | +           | +       | +        | +            | +         | +           | +             | 4       | 4        | -        | 102        |  | -         | H        | <b> </b>       | ⊢        | ⊢             | ╀  | ╀        | 1        | 4   |
|                 | 44           | $\vdash$     | H           | +        | +         | +          | +        | + | +        | +       | $\dashv$                | +        |          | 53<br>54      | ╁            | +           | +       | +        | +            | +         | +           | +             | +       | $\dashv$ | $\vdash$ | 103        |  | $\vdash$  | $\vdash$ | $\vdash$       | -        | $\vdash$      | ╀  | ╁        | $\vdash$ | 1   |
|                 | 5            | 7            | ۲           | +        | $\dagger$ | +          | +        | + | $\dashv$ | 十       | 1                       | H        | _        | 55            | t            | †           | 十       | +        | +            | +         | +           | +             | +       | $\dashv$ | $\vdash$ | 105        |  | T         | Н        | H              | 1        | 1             | <b>†</b>   | T        | $\vdash$ | 1   |
|                 | 6            | V            | ۲           | Ι        | Ι         | I          | I        | 1 |          | 丁       |                         |          |          | 56            | Ι            | Ι           | Ι       | T        | 1            | I         | I           | 1             | 1       |          |          | 106        |  |           |          |                | Г        |               |  |          |          | 1 . |
|                 | 7            | Z            | Ŀ           | L        | I         | Ţ          | T        | I | 1        | $\perp$ | ]                       |          |          | 57            | Г            | I           | I       | I        | T            | T         | I           | Ţ             | I       | $\Box$   |          | 107        |  | $\Box$    |          |                |          |               | Г  |          |          | ]   |
| _               | 8            | H            | L           | ╀        | +         | +          | 4        | 4 | 4        | +       | 4                       | F        | _        | 58            | ╀            | +           | +       | 1        | +            | 1         | 4           | 4             | 4       | 4        | <u> </u> | 108        |  |           | Щ        | <u> </u>       | $\vdash$ | $\vdash$      | $\vdash$   | +        | $\perp$  | 1   |
|                 | 9            | H            | ┝           | ╁        | ╀         | +          | +        | + | +        | +       | $\dashv$                | $\vdash$ | -        | 59<br>60      | ╁            | ╁           | ╀       | +        | +            | +         | +           | +             | +       | $\dashv$ | $\vdash$ | 109        |  | $\vdash$  | Н        | ⊢              | Ͱ        | -             | $\vdash$   | ╀        | ╀        | -   |
| $\dashv$        | 11           | Н            | H           | +-       | +         | +          | +        | + | +        | +       | $\dashv$                | H        |          | 61            | ╁            | ${\dagger}$ | +       | +        | +            | +         | +           | 十             | +       | $\dashv$ | $\vdash$ | 1111       | +  | ŀ         | H        | $\vdash$       | $\vdash$ | $\vdash$      | $\vdash$   | t        | $\vdash$ | 1   |
|                 | 12           | 1            | T           | T        | T         | †          |          | 1 | _†       |         | _                       | ۲        |          | 62            |              | T           | T       | 1        | 士            | T         | 1           | +             | _       | _        |          | 112        |  |           |          |                | Г        | Т             | Η  | †        |          | 1   |
|                 | 13           | $\Delta$     |             | Γ        | Γ         | I          | I        | I | I        | $\perp$ |                         |          |          | 63            |              | I           | Ι       | I        | I            | I         | I           | $\Box$        | $\perp$ |          |          | 113        | П  |           |          |                |          |               |  |          |          | ]   |
| $\Box$          | 14           |              | $\subseteq$ | L        | L         | Ţ          | Ţ        | Ţ | Ţ        | $\perp$ | 1                       |          |          | 64            | Ļ            | Ţ           | T       | Ţ        | Ţ            | T         | Ţ           | $\perp$       | 1       |          |          | 114        | $\Box$   |           |          | L              |          |               | Г  |          |          | ]   |
|                 | 15<br>16     | $\mathbb{H}$ | H           | ╀        | ╀         | +          | +        | + | +        | +       | $\dashv$                | -        |          | 65<br>66      | ╀            | ╀           | ╀       | +        | ╀            | ╀         | +           | +             | +       | $\dashv$ | $\vdash$ | 115        |  | $\vdash$  | Н        | ├-             |          | <del> </del>  | ⊢  | Ͱ        | -        | -   |
|                 | 17           | Ш            | $\vdash$    | +        | +         | +          | +        | + | +        | +       | $\dashv$                | $\vdash$ |          | 67            | ╁            | ╁╌          | +       | +        | +            | +         | +           | +             | +       | $\dashv$ | $\vdash$ | 116        | +  | Н         | Н        | $\vdash$       | ⊢        | ┝             | ┝  | ╁        | -        | 1   |
| $\dashv$        | 18           | Ш            | -           | T        | T         | t          | +        | + | +        | +       | 1                       | F        | $\dashv$ | 68            | $\dagger$    | T           | †       | 十        | T            | $\dagger$ | +           | +             | +       | $\dashv$ |          | 118        | Η  | Н         | H        | ┢              | ┢        | H             | t  | †        | H        | 1   |
|                 |              | V            | Ĺ           |          | I         | Ι          | I        | I | I        | $\perp$ |                         |          |          | 69            | L            | I           | Γ       | Ι        | I            | Ι         | I           |               | 1       | $\Box$   |          | 119        |  |           |          |                |          |               |  |          |          | 1   |
|                 | <u>(S)</u>   |              | Ĺ           | 1        | L         | F          | 1        | 4 | 1        | T       | 4                       | F        |          | 70            | 1            | F           | T       | Ļ        | T            | Ţ         | $\bot$      | $\bot$        | 4       | _        |          | 120        |  |           |          | Ľ              |          |               | Γ  |          | Г        | ]   |
| $\dashv$        | 21           | Н            | H           | ╁        | ╀         | ╀          | +        | + | +        | +       | 4                       | -        | $\dashv$ | 71<br>72      | ╀            | +           | +       | +        | +            | +         | ╀           | +             | +       | 4        | -        | 121<br>122 | -  | Н         | Н        | ⊢              | -        | ⊢             | ┞  | ╀        | $\vdash$ | 1   |
| $\dashv$        | <del>2</del> | Н            | $\vdash$    | ╁        | ۲         | 十          | +        | + | +        | +       | $\forall$               | +        | $\dashv$ | 73            | $\vdash$     | +           | +       | ╁        | +            | +         | +           | +             | ╅       | $\dashv$ | $\vdash$ | 123        | ╁  | Н         | $\vdash$ | $\vdash$       | $\vdash$ | $\vdash$      | ╁  | $\vdash$ | $\vdash$ | 1   |
|                 | 24           | M            |             | 1        | T         | 1          | 1        | 1 | _        | 1       | 1                       | ۲        |          | 74            |              | T           | 1       | 士        | İ            | T         | †           | 1             | _       | _        |          | 124        |  |           |          |                |          |               | $\vdash$   | $t^-$    |          | 1   |
| $\Box$          | (25)         | \            | ~           |          | L         | I          | I        | 1 | $\Box$   | 工       | ]                       |          |          | 75            |              | I           | Ι       | Ι        | I            | I         | I           | I             | I       | $\Box$   |          | 125        |  |           |          |                |          |               |  |          |          | ]   |
|                 |              | Y            | L           | $\vdash$ | ╀         | +          | +        | + | +        | +       | 4                       | -        |          | 76            | -            | +           | +       | +        | +            | +         | +           | +             | 1       | 4        | <b>—</b> | 126        | 1_   | $\sqcup$  | Ц        | L              | _        |               | L  | <u> </u> | L        | 4   |
|                 | 27<br>28     | X            | H           | +        | +         | +          | +        | + | +        | +       | $\dashv$                | $\vdash$ | $\dashv$ | 77<br>78      | $\vdash$     | +           | +       | +        | +            | +         | +           | +             | +       | $\dashv$ | -        | 127<br>128 | -  | $\vdash$  | Н        | -              | H        | $\vdash$      | $\vdash$   | +-       | H        | 1   |
| -1              | 29           | ۳            | -           | 1        | ۲         | +          | +        | + | +        | +       | $\dashv$                | -        | $\dashv$ | 79            | H            | +           | +       | +        | +            | +         | 十           | +             | +       | $\dashv$ | $\vdash$ | 129        | $\vdash$   | Н         | -        | $\vdash$       | Н        | -             | <del>                                     </del> | +-       |          | 1   |
|                 | 30           |              |             |          | I         | I          | I        | I | 1        | ᆂ       | J                       |          |          | 80            |              | L           | İ       | İ        | I            | T         | İ           | I             | 士       | ╛        |          | 130        |  |           |          |                |          |               | Г  |          | Г        | 1   |
|                 | 31           | 口            |             |          | L         | Ţ          | T        | T | I        | T       | ]                       |          |          | 81            |              | L           | I       | I        | I            | I         | I           | I             | I       | $\Box$   |          | 131        | _  |           |          |                |          |               |  | $\Box$   |          | ]   |
| _               | 32           | Н            | _           | -        | 1         | +          | +        | + | 4        | +       | 4                       | -        | _        | 82            | ⊢            | +           | +       | +        | +            | +         | +           | +             | +       | 4        | $\vdash$ | 132        | ₽-   | Ш         | Ц        | Щ              | _        | <b> </b>      | <u> </u>   |          | $\vdash$ | 1   |
| -1              | 33<br>34     | $\vdash$     | _           | ╂╌       | ╁         | +          | +        | + | +        | +       | $\dashv$                | -        | $\dashv$ | 83<br>84      | ⊢            | ╁           | +-      | ╁        | +            | ╁         | +           | +             | +       | $\dashv$ | $\vdash$ | 133<br>134 |  | $\vdash$  | Н        | -              | $\vdash$ | $\vdash$      | ⊢  | $\vdash$ | $\vdash$ | 1   |
| ┪               | 35           | H            | -           | 十        | ۲         | +          | +        | + | +        | +       | $\dashv$                | H        | -        | 85            | $\vdash$     | 十           | †       | +        | +            | +         | +           | +             | 十       | $\dashv$ | $\vdash$ | 135        | <del>                                     </del> | Н         | $\vdash$ |                |          | $\vdash$      | $\vdash$   | $\vdash$ | $\vdash$ | 1   |
| コ               | 36           |              | _           | Γ        |           | İ          | I        | İ | 1        |         |                         |          |          | 86            |              | I           | İ       | I        | İ            | 1         | I           | 土             | 土       | ゴ        |          | 136        |  |           |          |                |          |               |  |          | Г        | 1   |
| $\Box$          | 37           |              |             | Г        | Г         | T          | I        | I | I        | T       |                         |          | $\Box$   | 87            |              | L           | I       | Ţ        | I            | Ţ         | I           | T             | Ţ       | $\Box$   |          | 137        | $\Box$   |           |          |                |          |               | Г  | Г        |          | ]   |
|                 | 38           | $\sqcup$     |             | ╀        | ╀         | ╀          | +        | + | 4        | 4       | 4                       | $\vdash$ | 4        | 88            | ⊢            | ╀           | +       | +        | +            | +         | 4           | 4             | 4       | 4        | <u> </u> | 138        | ┞  | Н         | Щ        | Щ              |          | L             | 1  | ₩        | $\vdash$ | 1   |
| $\dashv$        | 39<br>40     | Н            | _           | ╁        | +         | +          | ╁        | + | +        | +       | $\dashv$                | $\vdash$ | $\dashv$ | 89<br>90      | $\vdash$     | ╀           | ۰       | +        | +            | ╀         | +           | ╁             | +       | $\dashv$ |          | 139<br>140 | ╁  | Н         | Н        | Н              | $\vdash$ | -             | -  | $\vdash$ | $\vdash$ | 1   |
| $\dashv$        | 41           | $\vdash$     | -           | 1-       | t         | 十          | +        | + | +        | +       | $\dashv$                | $\vdash$ | $\dashv$ | 91            | $\vdash$     | +           | +       | +        | +            | +         | 十           | 十             | +       | $\dashv$ | $\vdash$ | 141        | t  | Н         | Н        | H              | H        |               | Н  | +-       | Н        | f   |
| ゴ               | 42           |              |             |          | I         | I          | 1        | I | 士        | 1       | ]                       |          |          | 92            |              | I           | Ι       | 1        | I            | İ         | 士           | 土             | 士       | J        |          | 142        |  |           |          |                |          |               |  |          |          | 1   |
| $\Box$          | 43           |              |             | $\Box$   | Γ         | L          | I        | I | I        | $\perp$ | ]                       |          | $\Box$   | 93            |              | L           | L       | I        | I            | I         | I           | I             | I       | $\Box$   |          | 143        |  |           |          |                |          |               |  | L        |          | ]   |
| $\dashv$        | 44           | $\square$    |             | $\vdash$ | ╀         | +-         | +        | + | +        | +       | 4                       | ⊢        | _        | 94            | <del> </del> | H           | +       | $\perp$  | +            | +         | 4           | 4             | 4       | 4        | <u> </u> | 144        | -  | Ш         |          |                | Н        | -             | L  | L        |          | 1   |
| +               | 45<br>46     |              | _           | ╀        | $\vdash$  | ╀          | +        | + | +        | +       | $\dashv$                | ┝        | -        | 95<br>96      | ╀            | ╀           | ╀       | ╀        | +            | ╀         | +           | +             | +       | $\dashv$ | $\vdash$ | 145        |  | $\vdash$  | -        | -              | Н        | ┝             | -  | -        | -        | 1   |
| $\dashv$        | 47           |              |             | +-       | $\vdash$  | +          | +        | + | +        | +       | 1                       | 1        |          | 97            | +            | ✝           | t       | +        | +            | +         | +           | ╅             | +       | $\dashv$ | $\vdash$ | 147        |  | Н         | $\dashv$ | Н              | Н        | ┝             | -  | +        |          | 1   |
|                 | 48           |              |             | L        | L         | İ          | İ        | İ | 士        |         |                         |          |          | 98            |              |             | $\perp$ | 1        | 1            | 1         | 1           | 士             | +       | 7        |          | 148        |  |           |          |                |          |               |  |          | Г        | 1   |
| $\Box$          | 49           |              | _           | Г        | Г         | Γ          | Τ        | Ι | I        | $\perp$ | ]                       |          |          | 99            | $\Gamma$     | Γ           | Γ       | Ι        | Ι            | I         | I           | I             | I       |          |          | 149        |  |           |          |                |          |               |  |          |          | ]   |
| $\Box$          | 50           |              |             |          | $\Box$    |            | Γ        | Τ | Τ        | Τ       | _                       |          | -1       | 100           |              |             | Γ       | $\Gamma$ | $\mathbf{I}$ | Ι         | Т           | T             | Τ       |          |          | 150        |  |           |          |                |          |               | Γ  | Г        |          | 1   |